

Application No. 09/821,410
Amndt. dated: June 9, 2005
Reply to Office Action mailed: march 16, 2005

Amendments to the Specification:

Please replace paragraph [0014] beginning at page 5, line 13, with the following rewritten paragraph:

--[0014] Embodiments of the present invention also include generating a training signal sequence and transmitting the training signal sequence over a transmission media channel to generate an observed or measured output signal. A minimized difference value between the observed or measured output signal of the channel and a signal value representation of convolution of the training signal sequence and the unknown impulse response of the channel, together with the training signal sequence, and the observed or measured output signal are used to compute an initial impulse response of the channel. Further refinements or fine-tuning of the Impulse response then can be done using other known convergence techniques.--